

FIG. 1A

1 CTGCTTCCACCAGCAAAGACCAACGACTGGAGGCGAGGCCGGAGCTGGAAACATG
GACGAAGGGTGGTCGTTCTGGTGGCTGACCTCTGGCTCGGCTTGACCCCTTGATAC
M

61 AAGAGCGTCTTGCTGCTGACCAACGCTCCCTCGCACACCTGGTGGCCGCTGGAGC
TTCTCGCAGAACCGACCGACTGGTGGAGGCACGGGACCTGGGACCCGGGGACCTCG
K S V L L T T L V P A H L V A A W S

121 ATAATTATGCCGGACTGCCCCTCAACACTGTGACAGCAGTGAAGTCAAAGCAGCCG
TTATTAATAAGCCACCTGACGGGAGTTGTGACACTGTGTCACTCACCGTTCTGGGC
N N Y A V D C P Q H C D S S E C K S S P

181 CGCTGCAAGAGGACAGTGCTCGACGGACTGTGGCTGCCGACTGTGCGCTGCAGGGGG
GCCACGCTCTCCCTGTCACGGAGCTGACACCCGACCGACGGCTCACACGGGACCTCCGCC
R C K R T V L D C G C C R V C A A G R

FIG. 1B

241 GGAGAAACTTGCTACCGCACAGTCTAGGCATGGATGGCATGGAAAGTGTGGCCGGGGCTG
CCTCTTGAACGATGGGTGTCAGAGTCCGTACCTACCGTACTTCACACCGGGCCCCGAC
G E T C Y R T V S G M D G M K C G P G L

300 AGGTGTCAGGCCCTCTAATGGGAGGATCCTTTGGTAAGAGTTGGTATCTGCAAAGAC
TCCACAGTGGAAAGATTACCCCTCCTAGAAACCACTTCTCAAACCATAGACGTTCTG
R C Q P S N G E D P F G E E F G I C K D

360 TGTCCCTACGGCACCTTCGGGATGGATTGCAAGAGAACCTGCCACTGCCAGTCAGGCATC
ACAGGGATGCCGTGGAAGCCCTACCTAACCGTCTCTGGACGGTCAAGTCCCTAG
C P Y G T F G M D C R E T C N C Q S G I

420 TGTGACACGGGACGGAAAATGCCATTGAAATTCCCTTCTCCAATATTCAAGTAACCAAG
ACACTGTCCCCCTGCCCTTACGGACTTAAAGGGAAAGAAGGTTATAAGTCATTGGTTC
C D R G T G K C L K F P F Q Y S V T K

480

FIG. 1C

TCTTCCAACAGATTGTTCTCACGGAGCATGACATGGCATCTGGAGATGGCAATATT
481
+-----+-----+-----+-----+-----+-----+
AGAAGGGTTGCTAAACAAAGAGACTGGCCTCGTACTGTACCCGTAGACCTCTACCGTTATAAA
S S N R F V S L T E H D M A S G D G N I

GTGAGAGAAGAAGTGTGAAGAGAATGCTGCCGGTCTCCCGTAATGAGGAAATGGTTA
540
+-----+-----+-----+-----+-----+-----+
CACTCTCTTCAACACTTTCTCTTACGACGGCCCAGAGGGCATTACTCCTTACCAAT
V R E E V V K E N A A G S P V M R K W L

AATCCACGGCTGATCCGGCTGTGATTCTGAGAGAAGGCTCTATTTCTGTGAYTGTTCAA
600
+-----+-----+-----+-----+-----+-----+
TTAGGTGCCGACTAGGGCCGACACTAAAGACTCTTCCGAGATAAAAGCACTRACAAGTT
N P R *

CACACAGCCAACATTAGGAACACTTTCTAGATTATAGCATAAGGACATGTAATTTCGAA
661
+-----+-----+-----+-----+-----+
GTGTGTTGTTGTAATCCCTTGAAAGATCTAATATCGTATTCTGTACATTAAAACCTT

GACCAAATGTCATGGCATGGGATCCAGAAAAACAAAGTAGGATACTTACATTCCATAA
721
+-----+-----+-----+-----+-----+
CTGGTTACACTACGTAACCTAGGTCTTTCATCCCTATGAAATGTTAGGTATT

FIG. 1D

CATCCATATGACTGAACACTTGTATGTGTTAAATAATTCCAATGCATGTAGATTGT
840

841 GTAGGTATACTGACTTGTAACACATAACACAATTATAAGCTTACGTACATCTAAACA

TAATGTCGTGTATAAGTAACACTGAAGAACTAAATGCAATTAGGTAATCTTACATG
842

843 ATTACACACATATCATTGTGACTTCTTGATTACGTTAACATTAGAATGTAC

GAGACAGGTCAACCCAAGAGGGAGCTAGGCCAAAGCTGAAGACCCAGTGAGTCAAATTAG
844

845 CTCGTCCAGTTGGTTTCTCCCTCGATCCGTTGACTTCAGTTAACATTAAATC

TCTTTGACTTTGATGTACATTAAATGTTGGATATGGAATGAAAGACTTAAGAGCAGGAGA
961

962 AGAAAACGTGAAACTACATGTAATTACACCTTACCTTACTTCTGAATTCTCGTCCTCT

AGATGGGGAGGGGTGGGAGTGGAAATAAAATTAGCCCCTTCCCTTAGGTAGCTT
1021

1022 TCTACCCCTCCCCACCCCTTACCCCTTATAAAATCGGGAAACCATCCATCGAA

FIG. 1E

CTCTAGAATTAAATTGCTTTTGGCTTGGAAAAGTCAAATAAA
1081 - - - + - - - + - - - + - - - + - - - + - - - + -
GAGATCTAAATTAAAYACGAAAAAAACCCGAACCCCTTTCAAGTTTATT

ACAACCAGAAACCCCTGAGGAAGTAAGATGTTGAAGCTTATGAAATTGAGTAACA
1141 - - - + - - - + - - - + - - - + - - - + - - - + -
TGTTGGCTTGGGACTTCCCTCATCTACAAACTTCGAATAACCTTAAACTCATTGT

AACAGCTTGANCTGAGAGCAATTYCAAAGGCTGCTGATGTTAGCCCCGGGTTNCCTNT
1201 - - - + - - - + - - - + - - - + - - - + - - - + -
TTGTCGAACACTCTCGTTAARGTTCCGACGACTACATCGGGGGCCAAANGGANA

NTCTNAAGGAC
1261 - - - - - + -
NAGANTTCCTG

FIG. 2

ce10_chick cyr6_mouse ctgf_human fisp-12 nov_chick ibp_3human ccn-4	...MGSAGAR P.ALAAALLC LARLALGSPC PAV....CQC ...PAA.APQ ...MSSSTFR TLAVAVTLAH LTRLAL.STC PAA....CHC ...PLE.APK .MTAASMGPV RVAFVVILL CSRPAVGQNC SGP....CRC ...PDEPAPR .MLASVAGPI SLAL.VILLAL CTRTATGQDC SAQ....CQC ...AAEAAAPH .METGGQGL PVILLLLL RPCEVSGREA ACPRRPCGGRC ...PAEP.PR .MQRARPTLWA AALTLLVLLR GPPVARAGAS SGGLGPVVRC EPCVARALAR .MK SVLLTLLV PAHLVAAWSN MYAVDCPQHC DSSECKSSPR	50
ce10_chick cyr6_mouse ctgf_human fisp-12 nov_chick ibp_3human ccn-4	...CAPGVGLVP.DGCGCC KVCAKQLNED C....SRTQP CDHTKGLECN CAPGVGLVR.DGCGCC KVCAKQLNED C....SKTQP CDHTKGLECN CPAGVSLVL.DGCGCC RVCAKQLGEL C....TERDP CDPHKGGLFCD	100
ce10_chick cyr6_mouse ctgf_human fisp-12 nov_chick ibp_3human ccn-4	401 411 RLVNDIHKFR D SLFNDIHKFR D YYRKMYGDMA . YYRKMYGDMA . DPMSSSEAKI	